



FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	36795/PAN/B600
	Application Number	09/643,921
	Filing Date	August 23, 2000
	Applicant(s)	Wilf LeBlanc et al.
	Group Art Unit	2644
	Examiner Name	To be Assigned

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EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		R. W. LUCKY, <i>QAM Receiver I. General Description of Complete Receiver Block Diagram and Details of the Symbol Clock Recovery and Other Front-End Subsystems</i> , Applications of Communications Theory, Chapter 13, pages 127-135, Bellcore NO Date
		R. W. LUCKY, <i>QAM Receiver II. The Passband Adaptive Equalizer and Carrier Recovery System</i> , Applications of Communications Theory, Chapter 14, Pages 137-151, Bellcore no Date
		EDWARD A. LEE et al., <i>Adaptive Equalization</i> , Digital Communication, Chapter 9, pages 371-402 no date
		EDWARD A. LEE et al., <i>Timing Recovery</i> , Digital Communication, Chapter 15, Pages 560-582 NO Date
		WILLIAM WEBB et al., <i>Basic Equaliser Techniques</i> , Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications, IEEE Press, New York, Chapter 7, Pages 197-211 NO Date
		MIKE GRAY, <i>FAX Technology Tutorial and Testing Issues</i> , Agilent Technologies, © 2000, pages 1-20 no Date
		<i>FAX Over IP Opportunities and Options</i> , Natural MicroSystems, 7 sheets no Date
		EIA/TIA-464-B, Requirements for Private Branch Exchange (PBX) Switching Equipment, "6 Signaling Requirements, 6.1 Network Signaling - Analog," pages 140-146 no Date
		MAN MOHAN SONDHAI et al., <i>Silencing Echoes on the Telephone Network</i> , Proceedings of the IEEE, © August 1980, Vol. 68, No. 8, pages 948-963 NO DAY
		JOHN G. PROAKIS, <i>Digital Signaling Over a Channel With Intersymbol Interference</i> , Digital Communications, ISBN 0-07-05097-1, © 1983, Pages 357-381, McGraw-Hill, Inc. no month or day
		BELL COMMUNICATIONS RESEARCH, <i>Dual-Tone Multifrequency Receiver Generic Requirements for End-to-End Signaling Over Tandem-Switched Voice Links</i> , © March 1987, Technical Reference TR-TSY-000181 Issue 1, 11 sheets no month or day
		BELL COMMUNICATIONS RESEARCH, <i>Impulse Noise Tape No. 201</i> , Technical Reference TR-TSY-000762 Issue 1, © July 1987, 4 sheets NO DAY

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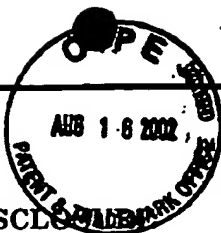
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		INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, <i>Data Compression Procedures For Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures</i> , ITU-T Recommendation, V.42 bis; © ITU 1990; 29 sheets <i>NO MONTH or Day</i>
		INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, General Aspects of Digital Transmission Systems; Terminal Equipments, 40, 32, 24, 16 kbit/s <i>Adaptive Differential Pulse Code Modulation (ADPCM)</i> , ITU-T Recommendation, G.726; © 1990; 59 sheets <i>module</i>
		INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, General Aspects of Digital Transmission Systems; Terminal Equipments, 5-, 4-, 3- And 2-bits <i>Sample Embedded Adaptive Differential Pulse Code Modulation (ADPCM)</i> ; Recommendation G. 727; © ITU 1990; 57 sheets <i>NO MONTH or Day</i>
		INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, <i>A 2-Wire Modem for Facsimile Applications With Rates up to 14 400 bit/s</i> , Recommendation V. 17; © ITU 1991; 13 sheets <i>NO MONTH or Day</i>
		INTERNATIONAL TELECOMMUNICATION UNION, Data Communication Over The Telephone Network, <i>A Duplex Modem Operating At Data Signalling Rates Of Up To 14 400 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits</i> , ITU-T Recommendation V. 32 bis; © ITU 1991, 24 sheets <i>NO MONTH or Day</i>
		DENNIS R. MORGAN et al., AT & T Bell Laboratories; <i>A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada, pages 2093-2096 <i>NO Day</i>

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DS		PANOS E. PAPAMICHALIS, Texas Instruments, Inc., <i>Practical Approaches to Speech Coding</i> , Prentice-Hall, Inc., Englewood Cliffs, New Jersey; 1992, pages 163-167 <i>nominal</i>
DS		JAMES THI et al., AT & T Bell Laboratories; <i>A Broadband Pseudo-Cascade Active Control System</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing; © 1992 IEEE; pp. II-233-II-236 <i>only yr</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; General Aspects of Digital Transmission Systems; Terminal Equipments, <i>Coding of Speech at 16 kbit/s Using Low-delay Code Excited Linear Prediction</i> , Recommendation G. 728; 09/1992, 65 sheets <i>NO DAY</i>
DS		DENNIS R. MORGAN et al., AT & T Bell Laboratories, <i>A Multitone Pseudocascade Filtered-X LMS Adaptive Notch Filter</i> , IEEE Transactions on Signal Processing, Vol. 41, No. 2; © February 1993; pages 946-956 <i>NO DAY</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Characteristics of International Telephone Connections and International Telephone Circuits, <i>Echo Cancellers</i> , ITU-T Recommendation G. 165; © ITU 1994; 31 sheets <i>only year</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, Data Communication Over The Telephone Network, <i>A Family Of 2-Wire, Duplex Modems Operating At Data Signalling Rates Of Up To 9600 bit/s For Use On The General Switched Telephone Network And On Leased Telephone-Type Circuits</i> , ITU-T Recommendation V.32; © 1993; 26 sheets <i>only yr</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, <i>ERROR-CORRECTING PROCEDURES FOR DCES USING ASYNCHRONOUS-TO-SYNCHRONOUS CONVERSION</i> , ITU-T Recommendation V. 42; © ITU 1993; 78 sheets <i>only yr</i>
DS		GARDNER et al.; Qualcomm Inc.; <i>QCELP: A Variable Rate Speech Coder for CDMA Digital Cellular</i> , © 1993 by Kluwer Academic Publishers; Second Printing 1995; 9 sheets <i>only yr</i>

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DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; Data Communication Over The Telephone Network, A Modem Operating At Data Signalling Rates Of Up To 28 800 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits, ITU-T Recommendation V.34; © ITU 1994; 43 sheets only
DS		INTERNATIONAL TELECOMMUNICATION UNION ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, Coding of Speech at 16 kbit/s Using Low-Delay Code Excited Linear Prediction, Annex G: 16 kbit/s Fixed Point Specification, ITU-T Recommendation G.728 - Annex G; © ITU 1995; 67 sheets only
DS		IEEE; IEEE Standards for Local and Metropolitan Area Networks: Supplement to Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications, "Media Access Control (MAC) Parameters, Physical Layer, Medium Attachment Units, and Repeater for 100 Mb/s Operation, Type 100BASE-T (Clauses 21-30); © 1995; 408 sheets only
DS		DENNIS R. MORGAN et al., A Delayless Subband Adaptive Filter Architecture, IEEE Transactions on Signal Processing; Vol. 43, No. 8; © August 1995, pages 1819-1830 Day
DS		Internet Papers: SCHULZRINNE H.; RTP Profile for Audio and Video Conferences with Minimal Control, Network Working Group Request for Comments: 1890; http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc1890.html; January 1996; 15 sheets WTD
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, Dual Rate Speech Coder For Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s; ITU-T Recommendation G. 723.1; © ITU 1996; 31 sheets only

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DS		INTERNATIONAL TELECOMMUNICATION UNION ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, <i>Coding of Speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP)</i> ; ITU-T Recommendation G.729; © ITU 1996; 38 sheets <i>Yronky</i>
DS		BELLCORE Bell Communication Research, Generic Requirements GR-506-CORE, <i>LSSGR: Signaling for Analog Interfaces</i> , (A Module of LSSGR, FR-64); Issue 1; © June 1996; 240 sheets <i>NO Doc</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Procedures for Document Facsimile Transmission in the General Switched Telephone Network</i> , ITU-T Recommendation T. 30; © ITU 1997; 74 sheets <i>Yr</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Standardization of Group 3 Facsimile Terminals for Document Transmission</i> , ITU-T Recommendation T. 4; © ITU 1997; 61 sheets <i>Yr</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals By Methods Other Than PCM, <i>Dual Rate Speech Coder for Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s, Annex A: Silence Compression Scheme</i> ; ITU-T Recommendation G.723.1 - Annex A; © ITU 1997; 22 sheets <i>only</i>
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals by Methods Other Than PCM, "Coding of Speech at 8 kbit/s Using Conjugate Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP), Annex B: A Silence Compression Scheme For G.729 Optimized for Terminals Conforming to Recommendation V.70, ITU-T Recommendation G.729 - Annex B; © ITU 1997; 23 sheets <i>only Yr</i>

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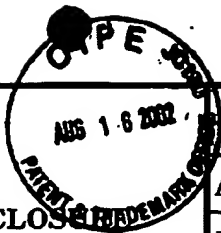
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DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals by Methods Other Than PCM, <i>Coding of Speech at 8 kbit/s Using Conjugate Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP) Annex A: Reduced Complexity 8 kbit/s CS-ACELP Speech Codec</i> , ITU-T Recommendation G.729 - Annex A; © ITU 1997; 15 sheets
DS		European Telecommunication Standard, <i>Digital Cellular Telecommunications System; Half Rate Speech; Voice Activity Detector (VAD) for Half Rate Speech Traffic Channels (GSM 06.42 version 5.0.1)</i> ; Source ETS; TC-GSM; Reference DE/SMG-110642Q; ©1997; 21 sheets
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T, Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, <i>B-ISDN ATM Adaptation Layer Specification: Type 2 AAL</i> , ITU-T Recommendation I.363.2; © 1998; 47 sheets
DS		Internet Papers: PERKINS et al.; <i>RTP Payload for Redundant Audio Data</i> ; Network Working Group Request for Comments: 2198; http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc2198.html ; September 1997; pages 1-9
DS		Internet Papers: SCHULZRINNE, "RTP Profile for Audio and Video Conferences with Minimal Control," Internet Engineering Task Force, Internet Draft; http://hegel.ittc.ukans.edu/topics/internet/internet-drafts/draft-i/draft-ietf-avt-profile-new-C.. ; November 20, 1997; pages 1-29
DS		IMTC Voice over IP Forum Technical Committee, "IMTC Voice over IP Forum Service Interoperability Implementation Agreement 1.0," December 1, 1997, VoIP97-061; pages 1-44
DS		EDWARD B. MORGAN, Fax Over Packet; Telogy Networks, Inc., Germantown, Maryland; © 1998; pages 1-12

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DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over the Telephone Network, <i>Simultaneous Transmission of Data and Other Signals, A Digital Modem and Analogue Modem Pair For Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of up to 56 000 bit/s Downstream and up to 33 600 bit/s Upstream</i> , ITU-T Recommendation V. 90; © ITU 1999; 49 sheets <i>yr only</i>
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DS		Internet Papers: SCHULZRINNE et al.; <i>RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals</i> ; Network Working Group Request for Comments: 2833; © The Internet Society 2000; 31 sheets yr only
DS		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, International Telephone Connections and Circuits - Apparatus Associated With Long-Distance Telephone Circuits, <i>Digital Network Echo Cancellers</i> ; ITU-T Recommendation G. 168; © ITU 1997; 95 sheets yr only
DS		ETSI EN 300 973, GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS, <i>Digital cellular telecommunications system (Phase 2+); Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels</i> ; GSM 06.42 version 8.0.1 Release 1999); © 2000; pages 1-22 yr only

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	36795/PAN/B600
	Application Number	09/643,921
	Filing Date	August 23, 2000
	Applicant(s)	Wilf LeBlanc et al.
	Group Art Unit	2644
	Examiner Name	To be Assigned

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<i>DS</i>		FUYUN LING et al., <i>Convergence and Steady-State Behavior of a Phase-Splitting Fractionally Spaced Equalizer</i> , IEEE Transactions on Communications, © April 4, 1990, Vol. 38, No. 4, pages 418-425, IEEE
<i>DS</i>		PAUL FISCHER, <i>State Machines In C</i> , The C Users Journal, December 1990, pages 119-122

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